

# निविदा आमंत्रण सूचना संख्या-01 वर्ष 2020-21

कार्यपालक अभियंता -1

डा. राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय, पूसा समस्तीपुर (बिहार)

1. विज्ञापन दाता का नाम	: कार्यपालक अभियंता -1 (P & F) डा0 राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपुर (बिहार)
2. परिमाण विपत्र डाउनलोड करने की तिथि एवं स्थान	: दिनांक 18.07.2020 से विश्वविद्यालय वेबसाइट <a href="http://www.rpcau.ac.in">www.rpcau.ac.in</a> पर डाउनलोड करने हेतु उपलब्ध।
3. निविदा प्राप्ति की तिथि एवं समय	: दिनांक 23.07.2020 को 10:00 बजे से 2:30 अपराह्न तक।
4. निविदा प्राप्ति का स्थान	: कार्यालय, कार्यपालक अभियंता-1 (P & F) डा0 राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपुर (बिहार)
5. निविदा खोलने की तिथि एवं समय	: दिनांक 23.07.2020 को 3:00 बजे
6. परिमाण विपत्र का मूल्य पंजाब नेशनल बैंक, पूसा समस्तीपुर में भुगतान एवं राष्ट्रीयकृत बैंक के किसी भी शाखा से निर्गत बैंक ड्राफ्ट जो कार्यपालक अभियंता (विद्युत) डा0 राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपुर के नाम से निर्गत होगा द्वारा लिया जाएगा।	
7. जिन संवेदक के पास भारत सरकार/बिहार सरकार के अधीन किसी भी प्रमण्डल या डा0 राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपुर में कार्य लंबित होगा या उनके पक्ष में निष्पादित निविदा के लिए एकराशनामा कर कार्य प्रारंभ नहीं किया जा रहा होगा तो उन्हें निविदा में भाग नहीं लेना है, उनके निविदा पर विचार नहीं होगा। उपरोक्त आशय का शपथ-पत्र मूलप्रति लिफाफा (A) में डालना अनिवार्य है।	
8. निबंधन तथा विद्युत लाईसेंस संलग्न करना अनिवार्य होगा।	
9. कार्य की विवरणी	

Sl. No	Name of work	Estimated Cost (In Rs.)	E.M Cost (In Rs.)	Cost of BOQ (In Rs.)	Time of Completion
1.	Internal E/I in Children's Park near Rajendra Shishu Sadan at DRPCA, Pusa.	6,95,408.00	14,000.00	1,250.00	One month
2.	Internal E/I in Director (B&I), Director (P&F) and E.E(Elect.) Office at DRPCA, Pusa.	1,54,329.00	3,100.00	500.00	One month
3.	Internal E/I in Qtr. No. B <sub>2</sub> -09 at DRPCA, Pusa.	1,13,973.00	2,300.00	500.00	One month
4.	Internal E/I in Qtr. No. Bangla No. 5/4 at DRPCA, Pusa.	1,15,736.00	2,400.00	500.00	One month
5.	Internal E/I in Civil Office & B <sub>2</sub> -15 at DRPCA, Pusa.	2,44,049.00	4,900.00	500.00	One month
6.	Internal E/I in Qtr. No. B <sub>2</sub> -07 and B <sub>2</sub> -8 at TCA, Dholi.	2,35,044.00	5,000.00	500.00	One month
7.	Internal E/I in Millet Store- cum- Office, TCA, Dholi.	1,17,475.00	2,500.00	500.00	One month
8.	Internal E/I in Director ate of Extension Education Building at DRPCA, Pusa.	3,81,911.00	7,700.00	750.00	One month
9.	Internal E/I in E.Type quarter No.1,2,4,6,8,9,10,11,12,13, 14,15, 17,18, 19,20,21, 23,24, 25, 26,27,28 (Total-23 Unit)at DRPCA, Pusa	6,68,687.00	14,000.00	1250.00	One month
10.	Internal E/I in E.Type quarter No.29,30,31,33,34,35,36, 37,38, 39, 40,41,42,43, 44,45,46, 47, 48,49 (Total-20)at DRPCA, Pusa	5,83,700.00	12,000.00	1250.00	One month
11.	Internal E/I in E.Type quarter No. 50,51,52,53,54,55,56,57,58, 59,60,61,62, 63, 64,65,66, 67, 68,69,70,71,72 (Total-23) at DRPCA, Pusa	6,68,687.00	14,000.00	1250.00	One month
12.	Internal E/I at 1 <sup>st</sup> Floor, Mess & Main Panels in Guest House at DRPCA, Pusa.	4,21,264.00	8,500.00	750.00	Two month
13.	Internal Electrical Installation Central Bank of India at DRPCA, Pusa	2,25,683.00	4,600.00	750.00	One month

Terms & Conditions may be seen on University website: [www.rpcau.ac.in](http://www.rpcau.ac.in)

वैसे संवेदक निविदा में भाग लेने से वंचित हैं (डिक्लर) जिन पर किसी कारणवश पूर्व से आवंटित योजना का कार्य लंबित चल रहा है। जो आवंटित कार्य का एकराशनामा नहीं किए हैं या फिर शुरू नहीं किए हैं, निविदा में भाग लेने के पात्र नहीं होंगे। निविदा निरतार के एक सप्ताह के अंदर एकराशनामा करना अनिवार्य होगा। ससमय एकराशनामा नहीं करने पर कार्य का दावा समाप्त हो जाएगा और द्वितीय न्यूनतम निविदाता को कार्य आवंटित किया जा सकता है।

10. एकराशनामा नहीं होने तक संबंधित कार्य के अन्य निविदादाताओं के अग्रघन की राशि को नहीं लौटाया जाएगा।

11. परिमाण विपत्र की राशि घट या बढ़ सकती है। फलस्वरूप, अग्रघन की राशि घट या बढ़ सकती है।

12. निविदा कागजात के साथ समुचित श्रेणी में निबंधन की स्वप्रमाणित छाया प्रति, वस्तु एवं सेवा कर का निबंधन प्रमाण पत्र की स्वप्रमाणित छाया प्रति, आयकर प्रमाण पत्र की स्वप्रमाणित छाया प्रति, अद्यतन श्रम अनुज्ञप्ति प्रमाण पत्र की स्वप्रमाणित छाया प्रति एवं अद्यतन चरित्र प्रमाण पत्र की स्वप्रमाणित छाया प्रति संलग्न करना अनिवार्य होगा।

13. सशर्त निविदा अमान्य होगी।

14. आवंटन उपलब्ध होने पर ही भुगतान किया जाएगा।

15. अग्रघन के रूप में राष्ट्रीय बचत पत्र/तीन-पाँच साल तक का समयावधि का पोस्टऑफिस में जमा राशि (T.D) का पासबुक कार्यपालक अभियंता (विद्युत) डा0 राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय, पूसा, समस्तीपुर के पद नाम से विधिवत् प्रतिज्ञित हो निविदा के साथ संलग्न करना अनिवार्य होगा।

16. अधोहस्ताक्षरी को निविदा बिना कारण बताये रद्द करने का अधिकार सुरक्षित है।

17. विशेष जानकारी के लिए अधोहस्ताक्षरी के कार्यालय में कार्य दिवस में सम्पर्क किया जा सकता है।

18. परिमाण विपत्र प्राप्ति की तिथि के दिन अवकाश हो जाने की स्थिति में अगले कार्य दिवस को प्राप्ति की कार्यवाई होगी।

19. 10 प्रतिशत से ज्यादा कम दर उद्धृत रहने वाले निविदाएँ अमान्य होंगी अर्थात् परिमाण विपत्र से 10 प्रतिशत से अधिक कम दर होने पर निविदा अमान्य समझी जाएगी।

20. निविदा विपत्र विश्वविद्यालय वेबसाइट [www.rpcau.ac.in](http://www.rpcau.ac.in) पर से डाउनलोड करना अनिवार्य है।

21. लिफाफा (A) में, निविदा विपत्र का मूल्य एवं शपथ-पत्र मूलरूप में डाल कर सिल कराना तथा लिफाफा पर (A) लिखना अनिवार्य है। लिफाफा (A) खोलने पर निविदा विपत्र का मूल्य एवं शपथ-पत्र नहीं मिलने पर लिफाफा (B) नहीं खोला जाएगा तथा संवेदक का निविदा रद्द कर दिया जाएगा।

22. पोस्टऑफिस में जमा राशि (T.D) का पासबुक, समुचित श्रेणी में निबंधन की स्वप्रमाणित छाया प्रति, वस्तु सेवा कर निबंधन प्रमाण पत्र की स्वप्रमाणित छाया प्रति, आयकर प्रमाण पत्र की स्वप्रमाणित छाया प्रति, अद्यतन श्रम अनुज्ञप्ति प्रमाण पत्र की स्वप्रमाणित छाया प्रति, अद्यतन चरित्र प्रमाण पत्र की स्वप्रमाणित छाया प्रति एवं अन्य कागजातों की स्वप्रमाणित छाया प्रति को डाल कर सिल कराना तथा लिफाफा पर (B) लिखना अनिवार्य है। लिफाफे पर (B) लिखा नहीं होने पर निविदा रद्द कर दिया जाएगा।



23. नाम-पता, मो0 न0 लिखना अनिवार्य हैं, लिफाफे पर (C) और ग्रुप संख्या नहीं लिखा होने पर निविदा रद्द कर दिया जाएगा।
24. प्रत्येक कार्य के लिए अलग-अलग बैंक ड्राफ्ट एवं शपथ-पत्र मूलरूप में देना अनिवार्य हैं।
- 25 किसी अन्य व्यक्ति या फर्म के नाम पर राष्ट्रीय बचत पत्र/तीन-पाँच साल तक का समयावधी का पोस्ट ऑफिस में जमा राशि (T.D) निर्गत रहने पर निविदा निरस्त कर दिया जाएगा।

कार्यपालक अभियंता-1  
डा0रा0प्र0के0कृ0वि0, पूसा

Memo No.....67...../E.E.-I, Dr. R.P.C.A.U Pusa

Date...09/07/20.....

Copy forwarded to Director (P & F) /Comptroller/Executive Engineer-2/Assistant Engineer (Elect.)Pusa & Dholi/Assistant Comptroller for information and wide publicity.

कार्यपालक अभियंता-1  
डा0रा0प्र0के0कृ0वि0, पूसा

Memo No.....67...../ E.E.-I, Dr. R.P.C.A.U Pusa

Date...09/07/20.....

Copy forwarded to Officer In-charge, Univ. Website. He is requested to please put it in Official Website of the University.

कार्यपालक अभियंता-1  
डा0रा0प्र0के0कृ0वि0, पूसा

CC to secretary to Vice-Chancellor for kind information to Hon'ble Vice-Chancellor Notice Board.



cm-11

### BILL OF QUANTITY

Name of work	Internal Electrical Installation in Children's Park near Rajendra Shishu Sadan at RPCAU, Pusa	
Estimated Cost	<i>Rs. 6,95,408/-</i>	Sold to M/S
Earnest Money	<i>Rs. 14,000/-</i>	Address:
Cost of B.O.Q	<i>Rs. 1250/-</i>	Registration No.
Time of Completion	<i>one month.</i>	M.R.No.

SL. NO.	S.O.R. NO.	ITEM OF WORK	RATE	UNIT	QTY	AMOUNT
01	NS	Supplying and laying of XLPE/PVC insulated pvc sheathed (Heavy Duty) armoured electrical cable with aluminium conductor for working voltage upto and including 1100 volts conforms to IS : 1554, part- 1 a)35 sq. mm, 3.5 core b)25 sq. mm , 3.5 core c)16 sq. mm 4 Core d)10 sq. mm 4 Core	45 Mtrs 180 Mtrs 800 Mtrs 65 Mtrs	350.00 297.00 250.00 195.00	Per M Per M Per M Per M	
02		Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 2 x 1.5 sq. mm	100Mtrs	41.00	Per M	
03		Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/ Isolator) 6 way, Double Door	01 No.	1661.00	Each	
04		Supplying and fixing following rating, four pole, (three phase and neutral) 415 Volts, residual current circuit breaker having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as reqd. 63 Amp. TPN MCB .	02 Nos.	2375.00	Each	
05		Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single Pole	04Nos.	199.00	Each	
		Single Pole & Neutral	01Nos.	544.00	Each	
06		Providing and fixing following capacity double pole/TP&N sheet metal switch disconnect or fuse unit in existing metal board with rewirable type fuses, including drilling holes in metal board, making connections, etc. as reqd. 63 Amps, TP&N.	01 Nos.	2925.00	Each	

(Signature)



07	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	04 Set	5308.00	Per Set	
08	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	40 M	257.00	Per M	
09	Supplying, fitting and fixing of Cover with Hyleen Sheet ("4 x7") in every light fitting including connections etc. as required	85Nos.	40.00	Each	
10	Supplying, fitting and fixing of Light Fittings with 9 watts bulb complete set as per required.	85 Nos.	1725.00	Each	
11	Supplying, Fitting and Fixing of Open Well Single Phase Submersible Pump motor shift with Panel including connections etc as required.	01 No.	23400.00	Each	
12	Supplying and fixing of Feeder Pillar panel along with consisting of following items as per specification and direction of E/I including all taxes and royalty. a)size :- 700x 700x 300x 1.6 mm -5.3 No. b)copper busbar (25x3)- 1 No. c)stand (angle 30x5) 300x 450 – 1 No. d)MCCB 63 A 4P, 36 KA TM – 1 No. e)S/T Terminal 63 A 4P – 1 N0. f) Indicator Set – 1 No. g) Togonal Switch – 1No. h)24 hr Digital Timer 230 V AC – 1 No. i)32 4P MCB 10 KA – 3Nos. j)63A, 4P Power Contractor 230 V AC – 1No. k)TSB4 63 A – 1No. including connections etc. as required.	02 Nos.	41900.00	Each	
13	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	All kinds of Soil. (85x.30x.30x.60)	4.59Cum	252.30	Cum	
14	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement – All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) (85x.30x.30x.75)	5.74Cum	7718.25	Cum	
15	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:3 (1 cement: 3 fine sand) Side (85x.1.20x.30)	30.6Sqm	340.85	Sqm	
	Top (85x.30x.30x)	7.65Sqm	340.85	Sqm	
16	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work Circum (85x1.20x.0.05x.60x)	8.01Sqm	79.95	Sqm	
	Top (85x.30x.30x)	7.65Sqm	79.95	Sqm	
	Column (85x1.20x.30x)	30.6Sqm	79.95	Sqm	



17	S/F/F 50 mm dia M.S Pipe as including ceiling coeiding all complete job.				
	(85x.1.50)	127.5 M	375.00	Per M	

8/25/20  
13/7/2020  
Executive Engineer Electrical  
DRPCA, Pusa  
DRPCA Pusa (Samastipur)  
13/7/20



(a) Details of earnest Money deposited:

(b) Registration No.:  
(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

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I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.
2. (i) In word..... Percent above the rates shown in the bill of quantities.  
(ii) In figure ..... Percent above the rates shown in the bill of quantities.
3. (i) In word..... Percent below the rates shown in the bill of quantities.  
(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....

Signature  
13/7/2020  
Executive Engineer (Electrical)  
DRPCAU, Pusa  
6/12/2020 DRPCAU, Pusa (Samastipur)

Executive Engineer (Electrical)  
DRPCAU, Pusa



**SPECIAL CONDITION**

1. Tender, not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

13/7/2020  
Executive Engineer Electrical  
DRPCA, Pusa  
PUSA, Pusa (Samastipur)



# BILL OF QUANTITY


Gr-2

Name of work :		Internal E/I in Director (B&I), Director (P&F) and Executive Engineer Electrical Office at DRPCA, Pusa			
Estimated cost:		Rs. 154329=00	Sold to M/S		
Earnest Money:		Rs. 3100=00	Address		
Cost of B.O.Q :		Rs. 500=00	Registration No.		
Time of Completion		15 days.	M.R.No.		
			date		
S.N.	Items of work	Quantity	Unit	Rate	Amount
1.	Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group-A				
	Group-B	10 Nos.	Each	694.00	
	Group-C	09 Nos.	Each	759.00	
2.	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x1.5 Sq.mm				
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	46 M	Per M	41.00	
	2x4.0 Sq.mm + 1x4.0 Sq.mm earth wire.	134 M	Per M	167.00	
		80 M	Per M	200.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch				
	3 pin 5/6 A Socket outlet	36 Nos.	Each	45.00	
	15/16 Amp. Switch	17 Nos.	Each	58.00	
	16/16 Amp. Swocket	07 Nos.	Each	110.00	
		07 Nos.	Each	128.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	25 Nos.	Each	65.00	
5.	Supplying and fixing brass batten/angle holder including connection etc. as required.	16 Nos.	Each	117.00	
6.	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	6 way (4+18) Double door	01 Nos.	Each	3693.00	
7.	Supplying and fixing following rating, 240 V, 'C' Series, miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	63 Amp. TPN MCB .	01 Nos.	Each	2025.00	
8.	Supplying and fixing 5 A to 32 A rating, 240/425 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single pole	18 Nos.	Each	199.00	
9.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	01 Set	Per Set	5308.00	
10.	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	20 M	Per M	257.00	
11.	Supplying, fitting and fixing of 18 watt LED Tube Light Fitting including connections etc. as reqd. (Bajaj,Orpet/ Siska/Anchor)	15 Nos.	Each	980.00	

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S.N.	Items of work	Quantity	Unit	Rsate	Amount
12.	Providing and fixing following TP&N Capacity sheet metal switch disconnect or fuse unit in existing metal board with rewire able type fuse existing including drilling holes in metal board, making connection, earthing the body etc. as reqd.,miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
	63 Amp. TPN Main switch	01 No.	Each	5225.00	
13.	Supplying, fitting, and fixing of 09 watt LED Bulb including connections etc. as reqd.	16 Nos.	Each	245.00	
14.	Supplying and fixing 20A, 240 V, SPN industrial type socket outlet with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure , on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as reqd.	04 No.	Each	1232.00	
15.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	18 Nos.	Each	310.00	
16.	Supplying, fitting and fixing of 72 Watt LED Street Light Fitting with Clamp including connections etc. as reqd. (Bajaj,Oreva,Havells,Siska make)	02 Nos.	Each	10,500.00	
17.	Supplying and laying following sizes and core PVC/XLPE insulated PVC sheathed, heavy duty, armoured electrical cable with aluminium conductor for working voltage upto and including 1100 volts.(conforms to IS:1554, part-1)				
	16 Sq.mm 4 core	40 M	Per M	190.00	
18.	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
	20mm	40 M	Per M	84.00	
19.	Supplying, fitting and fixing of Hyleen shee.	250 Sq.inch	Per Sq. inch	0.75	
20.	S/F/F of PVC Boards.				
	7"x4"	08 Nos.	Each	60.00	

  
 13/9/2020  
 Executive Engineer Electrical  
 DRPCAUPUSA  
 DRPCAUPUSA (Samastipur)



- (a) Details of earnest Money deposited:
- (b) Registration No.:  
(Certified copy to be enclosed)
- (c) Income Tax & GST Clearance Certificate:
- (d) Licence issued by the Labour department:
- (e) Detailed of documents attached:
- (f) Name and address of the Contractor:
- (g) Signature of tenders:

I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.
2. (i) In word..... Percent above the rates shown in the bill of quantities.  
(ii) In figure ..... Percent above the rates shown in the bill of quantities.
3. (i) In word..... Percent below the rates shown in the bill of quantities.  
(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....

8/11/2020  
13/9/2020  
Executive Engineer (Electrical)  
DRPCAUPusa  
12/10/2020

Executive Engineer (Electrical)  
DRPCAUPusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

13/7/2020  
Executive Engineer Electrical  
DRPCAUPusa  
Pusa (Samastipur)



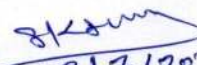
**BILL OF QUANTITY**

Name of work	Internal Electrical installation in Qtr No. B <sub>2</sub> -09 at RPCAU, Pusa.	
Estimated Cost	Rs. 1,13,973 <sup>00</sup>	Sold to M/S
Earnest Money	Rs. 2300 <sup>00</sup>	Address:
Cost of B.O.Q	Rs. 5000 <sup>00</sup>	Registration No.
Time of Completion	One month	M.R.No.

SL. NO	S.O.R NO.	ITEM OF WORK	RATE	UNIT	QTY	AMOUNT
01		Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group-A Group-B Group-C	694.00 759.00 966.00	Pt. Pt. Pt.	12Pts. 17Pts. 15Pts.	
02		Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. b) 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire c) 2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire d) 2 X 6.0 sq. mm + 1 X 6.0 sq. mm earth wire	167.00 200.00 249.00	Mtr. Mtr. Mtr.	160Mtrs. 28Mtrs. 17Mtrs.	
03		Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. a) 5/6 A switch b) 3 pin 5/6 A socket outlet c) 15/16 A switch d) 6 pin 15/16 A socket outlet	45.00 58.00 110.00 128.00	Each Each Each Each	12Nos. 12Nos. 09Nos. 09Nos.	
04		Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	65.00	Each	14Nos.	
05		Supplying and fixing brass batten/ angle holder including connections etc. as required.	117.00	Each	29Nos.	
06		Supplying and fixing following way, single pole and neutral, sheetsteel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) a) 6 way, Double door b) 12 way, Double door	1661.00 2053.00	Each Each	01No. 01No.	
07		Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. a) Single pole b) Single Pole & Neutral	199.00 544.00	Each Each	14 Nos. 02 Nos.	



08	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	5308.00	Each	1 No.	
09	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	257.00	Mtr	11 Mtrs.	
10	S/F/F of Step Fan Regulator including connections etc as reqd on the existing board.	230.00	Each	06Nos.	
11	S/F/F of 32 Amp Main Switch including connections etc as reqd on the existing board.	1375.00	Each	01No.	
12	S/F/F of Ceiling Fans including connections etc as reqd.	2475.00	Each	06No.	
13	S/F/F of different size of PVC Boards a) 7" X 4" b) 4" X 5"	60.00	Each	04Nos.	
		50.00	Each	09Nos.	

  
 13/7/2020  
 Executive Engineer (Electrical)  
 Executive Engineer (Electrical)  
 DRPCA, Rusa  
 DRPCA, Samastipur  
 13/7/20



(a) Details of earnest Money deposited:

(b) Registration No.:  
(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

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I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.

2. (i) In word..... Percent above the rates shown in the bill of quantities.

(ii) In figure ..... Percent above the rates shown in the bill of quantities.

3. (i) In word..... Percent below the rates shown in the bill of quantities.


(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....  
ii. No. of over writing.....  
iii. Rate quoted.....

  
Executive Engineer (Electrical)  
Dr. RPCAU, Pusa  
13/7/2020

Executive Engineer (Electrical)  
Dr. RPCAU, Pusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

13/7/2020  
Executive Engineer Electrical  
DRPCA, Pusa (Samastipur)



# BILL OF QUANTITY

Gr 4

Name of work :	Internal Electrical Installation in Qtr. No. Bungla No.5/4 at DRPCA, Pusa				
Estimated cost:	Rs.1,15,736.00	Sold to M/S			
Earnest Money:	Rs.2,400.00	Address			
Cost of B.O.Q :	Rs.500.00	Registration No.			
Time of Completion	One month	M.R.No. date			
S.N.	Items of work	Quantity	Unit	Rate	Amount
1.	Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group-A				
	Group-B	11 Nos.	Each	694.00	
	Group-C	12 Nos.	Each	759.00	
		17 Nos.	Each	966.00	
2.	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x1.5 Sq.mm + 1x1.5 Sq.mm earth wire	10 M	Per M	146.00	
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	311 M	Per M	167.00	
	2x4.0 Sq.mm + 1x4.0 Sq.mm earth wire.	02 M	Per M	200.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch				
	3 pin 5/6 A Socket outlet	17 Nos.	Each	45.00	
	15/16 Amp. Switch	17 Nos.	Each	58.00	
	16/16 Amp. Ssocket	10 Nos.	Each	110.00	
		10 Nos.	Each	128.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	10 Nos.	Each	65.00	
5.	Supplying and fixing brass batten/angle holder including connection etc. as required.	29 Nos.	Each	117.00	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/Isolator)				
	12 way, Double door	01 No.	Each	2053.00	
7.	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single Pol				
	Single Pole & Neutral	10 Nos.	Each	199.00	
		01 Nos.	Each	544.00	
8.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	01 Set	Per Set	5308.00	
9.	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	22 M	Per M	257.00	
10.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	10 Nos.	Each	310.00	
11.	S/F/F of PVC Boards.				
	7"x4"				
	4"x5"	06 Nos.	Each	60.00	
	4"x4"	02 Nos.	Each	50.00	
		01 Nos.	Each	40.00	

8/200  
13/7/2020  
Executive Engineer Electrical  
DRPCA, PUSA  
Pusa (Samastipur)



(a) Details of earnest Money deposited:

(b) Registration No.:  
(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

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I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.
2. (i) In word..... Percent above the rates shown in the bill of quantities.  
(ii) In figure ..... Percent above the rates shown in the bill of quantities.
3. (i) In word..... Percent below the rates shown in the bill of quantities.  
(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....

8/4/2020  
13/7/2020  
Executive Engineer (Electrical)  
DRPCAU, Pusa

Executive Engineer (Electrical)  
DRPCAU, Pusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall be reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
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27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
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8/20/20  
13/7/2020  
Executive Engineer Electrical  
DRPCAUPusa  
DRPCAUPusa (Samastipur)



Gpr ⑤

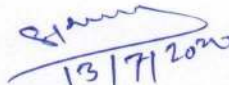
**BILL OF QUANTITY**

Name of work	Internal Electrical installation in Civil Office & B <sub>2</sub> -15 at RPCAU, Pusa		
Estimated Cost	B 244049-00	Sold to M/S	
Earnest Money	B 4900-00	Address:	
Cost of B.O.Q	B 500-00	Registration No.	
Time of Completion	One Month.	M.R.No.	

SL. NO	S.O.R NO.	ITEM OF WORK	RATE	UNIT	QTY	AMOUNT
01	1.8.1 1.8.2 1.8.3	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group-A Group-B Group-C	694.00 759.00 966.00	Pt. Pt. Pt.	19Pts. 31Pts. 25Pts.	
02	1.14 1.14.1 1.14.2 1.14.3 1.14.4	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. a) 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire b) 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire c) 2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire c) 2 X 6.0 sq. mm + 1 X 6.0 sq. mm earth wire	146.00 167.00 200.00 249.00	Mtr. Mtr. Mtr. Mtr.	25Mtrs. 345Mtrs. 73Mtrs. 17Mtrs.	
03	1.23 1.23.1 1.23.4 1.23.3 1.23.5	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. a) 5/6 A switch b) 3 pin 5/6 A socket outlet c) 15/16 A switch d) 6 pin 15/16 A socket outlet	45.00 58.00 110.00 128.00	Each Each Each Each	37Nos. 37Nos. 19Nos. 19Nos.	
04	1.33	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	65.00	Each	33Nos.	
05	1.34	Supplying and fixing brass batten/ angle holder including connections etc. as required.	117.00	Each	41Nos.	
06	2.3 2.3.1 2.3.3	Supplying and fixing following way, single pole and neutral, sheetsteel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) a) 6 way, Double door b) 12 way, Double door	1661.00 2053.00	Each Each	02Nos. 03Nos.	
07	2.10 2.10.1	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. a) Single pole b) Single Pole & Neutral	199.00 544.00	Each Each	38 Nos. 05 Nos.	



08	5.2	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	5308.00	Each	2Nos.	
09	5.13	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	257.00	Mtr	31 Mtrs.	
10	NS	S/F/F of Step Fan Regulator including connections etc as reqd on the existing board.	230.00	Each	12Nos.	
11	NS	S/F/F of LED 20 watts Tube Lights including connections etc as reqd.	980.00	Each	15Nos.	
12	NS	S/F/F of 55/60 watt LED light including connections etc as reqd on the existing board.	10450.00	Each	01Nos.	
13	NS	S/F/F of 9 watt LED light including connections etc as reqd on the existing board.	225.00	Each	12Nos.	
14	NS	S/F/F of 2.5 Mfd Condenser including connections etc as reqd on the existing board.	45.00	Each	08Nos.	
15	NS	S/F/F of Wireless Call Bell including connections etc as reqd on the existing board.	195.00	Each	04Nos.	
16	NS	S/F/F of 32 Amp Main Switch including connections etc as reqd.	1375.00	Each	01No.	
17	NS	S/F/F of Ceiling Fans including connections etc as reqd.	2475.00	Each	06Nos.	
18	NS	S/F/F of different size of PVC Boards a) 7" X 4" b) 4" X 5"	60.00 50.00	Each Each	09Nos. 19Nos.	

  
 13/7/2020  
 Executive Engineer (Electrical)  
 RPCAU, Pusa  
 Patna, Pusa (Samastipur)



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(b) Registration No.:  
(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

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I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.

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I/We will complete the work within ..... calendar months from the date of work order.

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Name & full Signature of the Tenderer

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ii. No. of over writing.....  
iii. Rate quoted.....

8/12/2020  
13/7/2020  
Executive Engineer (Electrical)  
DRPCAU, Pusa  
DRPCAU, Pusa (Samastipur)

Executive Engineer (Electrical)  
DRPCAU, Pusa



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  - (b) Experience they have with detail of works and its position.
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Executive Engineer (Electrical)  
13/7/2020  
Executive Engineer Electrical  
DRPCA, Pusa



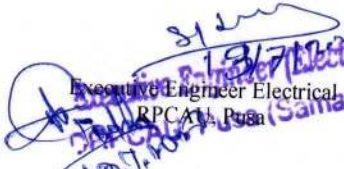
# BILL OF QUANTITY

CMT ⑥

Name of Work:	Internal Electrical Installation in B <sub>2</sub> -7 & B <sub>2</sub> -8 quarter at Dholi Campus		
Estimated Cost:	Rs. 295000.00	Sold to M/S	
Earnest Money:	Rs. 5000.00	Address	
Cost of BOQ:	Rs. 500.00	Registration No.	
Time of Completion:	One Month.	M.R. No.	Date:

S.N.	Items of work	Quantity	Unit	Rate	Amount
1.	Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group-A				
	Group-B	30 Nos.	Pt.	694.00	
	Group-C	36 Nos.	Pt.	759.00	
		18 Nos.	Pt.	966.00	
2.	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	370 M	Mtr.	167.00	
	2x6.0 Sq.mm + 1x6.0 Sq.mm earth wire.	56 M	Mtr.	249.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch				
	3 pin 5/6 A Socket outlet	28 Nos.	Each	45.00	
	15/16 A Switch	28 Nos.	Each	58.00	
	6 pin 15/16 A Socket outlet	14 Nos.	Each	110.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as required.	14 Nos.	Each	128.00	
		34 Nos.	Each	65.00	
5.	Supplying and fixing brass batten / angle holder including connection etc. as required.	54 Nos.	Each	117.00	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (But without MCB/ RCCB/Isolator)				
	8 way, Double door				
	12 way, Double door	02 No.	Each	1760.00	
		02 No.	Each	2053.00	
7.	Supplying & fixing 5 A to 32 A rating, 240 / 415, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single Pole				
	Single Pole & Neutral	32 Nos.	Each	199.00	
		04 Nos.	Each	544.00	
8.	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current of 30 mA in the existing main Switch board with connections, testing and commissioning etc. as required.				
	63 A	02 Nos.	Each	2640.00	
		02 Nos.	Each	11794.00	
9.	Earthing with Copper earth plate 600 mm x 600 mm x 3 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal / coke and salt as required. / Chemical earthing with minimum 15 mm dia copper electrode of 10 feet length filled with 50 Kg chemical component.				
10.	Providing and Laying Earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia GI / PVC pipe from earth electrode including earth connection with copper thimble excavation and re-filling as required.	20 M	Mtr.	257.00	
11.	Supplying, fitting and fixing of 63 Amp. Main switch etc. as required.	02 Nos.	Each	2768.00	
12.	S/F/F of Ceiling Fans including connections etc. as required. 1200mm (48 inch)(Bajaj/Usha/ Havells/ Crompton)	08 Nos.	Each	2475.00	
13.	Supplying, fitting and fixing of Step Fan regulator in the existing board connection etc. as required.	08 Nos.	Each	310.00	
14.	S/F/F of PVC Boards of different sized.				
	7"x4"				
	5"x4"	14 Nos.	Each	60.00	
		04 Nos.	Each	50.00	

  
 Executive Engineer Electrical  
 RPCA, Pusa  
 18.7.10 Pusa (Samastipur)



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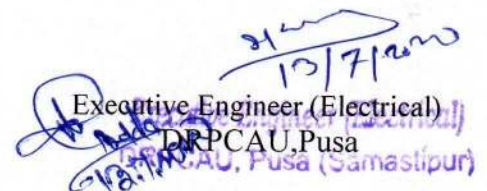
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Executive Engineer (Electrical)  
DRPCAU, Pusa  
DRPCAU, Pusa (Samastipur)

Executive Engineer (Electrical)  
DRPCAU, Pusa



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13/7/2020  
Executive Engineer Electrical  
DRPCAUPusa  
PUSA, SAMASTIPUR



## BILL OF QUANTITY

Gr-17

Name of Work:	Internal Electrical Installation in Millet Store cum office, TCA, Dholi		
Estimated Cost:	Rs. 117475=00	Sold to M/S	
Earnest Money:	Rs. 2500=00	Address	
Cost of BOQ:	Rs. 500=0	Registration No.	
Time of Completion:	One Month.	M.R. No.	Date:

S.N.	Items of work	Quantity	Unit	Rate	Amount
1.	Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group-A	06 Nos.	Pt.	694.00	
	Group-B	05 Nos.	Pt.	759.00	
	Group-C	09 Nos.	Pt.	966.00	
2.	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	100 M	Mtr.	167.00	
	2x6.0 Sq.mm + 1x6.0 Sq.mm earth wire.	10 M	Mtr.	249.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch	05 Nos.	Each	45.00	
	3 pin 5/6 A Socket outlet	05 Nos.	Each	58.00	
	15/16 A Switch	05 Nos.	Each	110.00	
	6 pin 15/16 A Socket outlet	05 Nos.	Each	128.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as required.	12 Nos.	Each	65.00	
5.	Supplying and fixing brass batten / angle holder including connection etc. as required.	08 Nos.	Each	117.00	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (But without MCB/ RCCB/ Isolator)				
	12 way, Double door	01 No.	Each	2053.00	
7.	Supplying & fixing 5 A to 32 A rating, 240 / 415, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single Pole	10 Nos.	Each	199.00	
	Single Pole & Neutral	01 Nos.	Each	544.00	
8.	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current of 30 mA in the existing main Switch board with connections, testing and commissioning etc. as required.				
	40 A	01 Nos.	Each	2095.00	

✍



S.N.	Items of work	Quantity	Unit	Rate	Amount
9.	Earthing with Copper earth plate 600 mm × 600 mm × 3 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal / coke and salt as required./Chemical earthing with minimum 15 mm dia copper electrode of 10 feet length filled with 50 Kg chemical component.	01 Nos.	Each	11794.00	
10.	Providing and Laying Earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia GI / PVC pipe from earth electrode including earth connection with copper thimble excavation and re-filling as required.	10M	Mtr.	257.00	
11.	Supplying, fitting and fixing of 32 Amp. Main switch etc. as required.	01 Nos.	Each	1450.00	
12.	S/F/F of Ceiling Fans including connections etc. as required. 1200mm (48 inch)(Bajaj/Usha/ Havells/ Crompton)	04 Nos.	Each	2475.00	
13.	Supplying, fitting and fixing of Step Fan regulator in the existing board connection etc. as required.	04 Nos.	Each	310.00	
14.	S/F/F of 9W LED bulb	08 Nos.	Each	225.00	
15.	S/F/F of 60W LED street light	03 Nos.	Each	10137.00	
16.	S/F/F of 18W tube light	07 Nos.	Each	950.00	
17.	S/F/F of PVC Boards of different sized. 7"x4"	02 Nos.	Each	60.00	

8/11/20  
13/7/20  
Executive Engineer Electrical  
RPCAU, Pusa  
DRRC AU, Pusa (Samastipur)  
13.7.20



(a) Details of earnest Money deposited:

(b) Registration No.:

(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

---

I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.

2. (i) In word..... Percent above the rates shown in the bill of quantities.

(ii) In figure ..... Percent above the rates shown in the bill of quantities.

3. (i) In word..... Percent below the rates shown in the bill of quantities.

(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

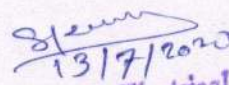
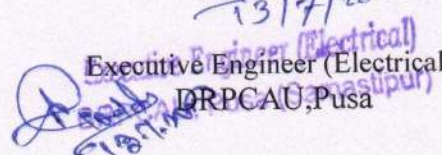
I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

i. No. of cutting.....

ii. No. of over writing.....

iii. Rate quoted.....

  
Executive Engineer (Electrical)  
DRPCAU, Pusa  


Executive Engineer (Electrical)  
DRPCAU, Pusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

3/25/20  
13/7/2020  
Executive Engineer Electrical  
DRPCA, Pusa  
PUSA (Samastipur)  
13/7/2020




6-15 (8)

**BILL OF QUANTITY**

Name of work :	Internal Electrical Installation in Directorate of Extension Education Building at Dr.RPCAU, Pusa				
Estimated cost:	Rs.3,81,911.00	Sold to M/S			
Earnest Money:	Rs.7,700.00	Address			
Cost of B.O.Q :	Rs.750.00	Registration No.			
Time of Completion	One month	M.R.No.	date		
S.N.	Items of work	Quantity	Unit	Rate	Amount
1.	Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group-A	37 Nos.	Each	694.00	
	Group-B	42 Nos.	Each	759.00	
	Group-C	27 Nos.	Each	966.00	
2.	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	495 M	Per M	167.00	
	2x4.0 Sq.mm + 1x4.0 Sq.mm earth wire.	107 M	Per M	200.00	
	2x6.0 Sq.mm + 1x6.0 Sq.mm earth wire.	07 M	Per M	249.00	
	4x10 Sq.mm + 6x2 Sq.mm earth wire.	50 M	Per M	543.00	
3.	Supplying and drawing following sizes of FSRLS PVC insulated copper conductor, single core cable in the existing surface steel/PVC conduit as required.				
	2x2.5 Sq.mm	83 M	Per M	55.00	
4.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch	59 Nos.	Each	45.00	
	3 pin 5/6 A Socket outlet	59 Nos.	Each	58.00	
	15/16 Amp. Switch	35 Nos.	Each	110.00	
	16/16 Amp. Socket	33 Nos.	Each	128.00	
5.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	55 Nos.	Each	65.00	
6.	Supplying and fixing brass batten/angle holder including connection etc. as required.	62 Nos.	Each	117.00	
7.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/Isolator)				
	6 way, Double door	01 No.	Each	1661.00	
8.	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, .testing and commissioning etc. as required.				
	Single pole	40 Nos.	Each	199.00	
	Single Pole & Neutral	01 Nos.	Each	544.00	
9.	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	6 way (4+18) Double door	02 Nos.	Each	3693.00	



S.N.	Items of work	Quantity	Unit	Rsate	Amount
10.	Supplying and fixing following rating, 240 V, 'C' Series, miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	63 Amp. TPN MCB .	02 Nos.	Each	2405.00	
11.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	02 Set	Per Set	5308.00	
12.	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	30 M	Per M	257.00	
13.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	14 Nos.	Each	310.00	
14.	Supplying, fitting and fixing of 20 watt LED Tube Light Fitting including connections etc. as reqd.(Bajaj, Orpet/ Siska/Anchor)	20 Nos.	Each	980.00	
15.	Supplying, fitting and fixing of 72 Watt LED Street Light Fitting with Clamp including connections etc. as reqd. (Bajaj, Oreva,Havells,Siska make)	02 Nos.	Each	10450.00	
16.	Supplying and fixing 20A, 240 V, SPN industrial type socket outlet with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure , on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as reqd.	02 Nos.	Each	1232.00	
	Supplying, fitting and fixing of 15 Watt LED Portico Light Fitting including connections etc. as reqd.(Bajaj,Orpet,Anchor)	02 Nos.	Each	1900.00	
17.	Providing and fixing following TP&N Capacity sheet metal switch disconnect or fuse unit in existing metal board with rewirable type fuse existing including drilling holes in metal board, making connection, earthing the body etc. as reqd.,miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
	63 Amp. TP&N	02 Nos.	Each	5225.00	
	100 Amp. TP&N	01 No.	Each	7524.00	
	200 Amp. TP&N	01 No.	Each	12400.00	
18.	Providing and fixing following capacity busbar chamber with 4 strips of suitable size made of copper heavy duty complete with all accessories including connections, earthing the body etc. as reqd.				
	100 Amp.	01 No.	Each	4800.00	
	200 Amp.	01 No.	Each	6990.00	
21.	S/F/F of PVC Boards.				
	8"x6"	05 Nos.	Each	85.00	
	7"x4"	19 Nos.	Each	60.00	
	4"X5"	05 Nos.	Each	50.00	

  
 13/7/2020  
 Executive Engineer Electrical  
 BRPCA, PUSA  
 BRPCA, Pusa (Samastipur)



(a) Details of earnest Money deposited:

(b) Registration No.:  
(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

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I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.
2. (i) In word..... Percent above the rates shown in the bill of quantities.  
(ii) In figure ..... Percent above the rates shown in the bill of quantities.
3. (i) In word..... Percent below the rates shown in the bill of quantities.  
(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....

  
Executive Engineer (Electrical)  
DRPCAU, Pusa  
Pusa (Samastipur)

Executive Engineer (Electrical)  
DRPCAU, Pusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall be reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the-cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

Executive Engineer (Electrical)  
DRPCA U Pusa  
Pusa (Samastipur)



**BILL OF QUANTITY**

Crt-9

Name of work :	Internal Electrical Installation in E.Type quarter No.1,2,3,4,6,8,9,10,11,12,13, 14,15,17, 18,19,20,21,23,24,25,26,28 (Total-23 Unit)at DRPCA U, Pusa				
Estimated cost:	Rs.6,68,687.00	Sold to M/S			
Earnest Money:	Rs.14,000.00	Address			
Cost of B.O.Q :	Rs.1,250.00	Registration No.			
Time of Completion	One month	M.R.No. date			
SN	Items of work	Quantity	Unit	Rate	Amount
1.	Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as reqd.				
	Group-A	161 Nos.	Each	694.00	
	Group-B	92 Nos.	Each	759.00	
	Group-C	23 Nos.	Each	966.00	
2.	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x1.5 Sq.mm + 1x1.5 Sq.mm earth wire	92 M	Per M	146.00	
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	920 M	Per M	167.00	
	2x4.0 Sq.mm + 1x4.0 Sq.mm earth wire.	115 M	Per M	200.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch	138 Nos.	Each	45.00	
	3 pin 5/6 A Socket outlet	138 Nos.	Each	58.00	
	15/16 Amp. Switch	69 Nos.	Each	110.00	
	16/16 Amp. Socket	69 Nos.	Each	128.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as reqd.	92 Nos.	Each	65.00	
5.	Supplying and fixing brass batten/angle holder including connection etc. as required.	184 Nos.	Each	117.00	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/Isolator)				
	6 way, Double door	23 Nos.	Each	1661.00	
7.	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single Pol	92 Nos.	Each	199.00	
	Single Pole & Neutral	23 Nos.	Each	544.00	
8.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	46 Nos.	Each	310.00	
9.	Supplying fitting and fixing of PVC Boards of different sized.				
	7"x4"	92 Nos.	Each	60.00	
	5"x4"	46 Nos.	Each	50.00	
	4"x4"	46 Nos.	Each	45.00	
10.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	04 Set.	Per set	5308.00	
11.	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	398 M	Per M	257.00	

Stamp  
13/7/2020  
Executive Engineer (Electrical)  
DRPCA PUSA  
518



- (a) Details of earnest Money deposited:
- (b) Registration No.:  
(Certified copy to be enclosed)
- (c) Income Tax & GST Clearance Certificate:
- (d) Licence issued by the Labour department:
- (e) Detailed of documents attached:
- (f) Name and address of the Contractor:
- (g) Signature of tenders:

I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.
2. (i) In word..... Percent above the rates shown in the bill of quantities.  
(ii) In figure ..... Percent above the rates shown in the bill of quantities.
3. (i) In word..... Percent below the rates shown in the bill of quantities.  
(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....

81 am  
13/7/2020  
Executive Engineer (Electrical)  
DRPCAUPusa  
78

Executive Engineer (Electrical)  
DRPCAUPusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall be reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

8/Jan  
10/7/2020  
Executive Engineer (Electrical)  
DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY  
PUSA, SAMASTIPUR



**BILL OF QUANTITY**

btr (10)

Name of work :	Internal Electrical Installation in E.Type quarter No.29,30,31,33,34,35,36, 37,38, 39, 40,41,42,43,44,45,46,47,48,49 (Total-20)at DRPCA, Pusa				
Estimated cost:	Rs.5,83,700.00	Sold to M/S			
Earnest Money:	Rs.12,000.00	Address			
Cost of B.O.Q :	Rs.1,250.00	Registration No.			
Time of Completion	One month	M.R.No. date			
SN	Items of work	Quantity	Unit	Rate	Amount
1.	Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as reqd.				
	Group-A	140 Nos.	Each	694.00	
	Group-B	80 Nos.	Each	759.00	
	Group-C	20 Nos.	Each	966.00	
2.	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x1.5 Sq.mm + 1x1.5 Sq.mm earth wire	80 M	Per M	146.00	
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	800 M	Per M	167.00	
	2x4.0 Sq.mm + 1x4.0 Sq.mm earth wire.	100 M	Per M	200.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch	120 Nos.	Each	45.00	
	3 pin 5/6 A Socket outlet	120 Nos.	Each	58.00	
	15/16 Amp. Switch	60 Nos.	Each	110.00	
	16/16 Amp. Socket	60 Nos.	Each	128.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	80 Nos.	Each	65.00	
5.	Supplying and fixing brass batten/angle holder including connection etc. as required.	160 Nos.	Each	117.00	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/Isolator)				
	6 way, Double door	20 No.	Each	1661.00	
7.	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single Pol	80 Nos.	Each	199.00	
	Single Pole & Neutral	20 Nos.	Each	544.00	
8.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	40 Nos.	Each	310.00	
9	Supplying fitting and fixing of PVC Boards of different sized.				
	7"x4"	80 Nos.	Each	60.00	
	5"x4"	40 Nos.	Each	50.00	
	4"x4"	40 Nos.	Each	45.00	
10.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	04 Set	Per set	5308.00	
11	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	344 M	Per M	257.00	

13/7/2020  
 Executive Engineer Electrical  
 DRPCA, PUSA  
 (Punjab)



(a) Details of earnest Money deposited:

(b) Registration No.:  
(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

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I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.
2. (i) In word..... Percent above the rates shown in the bill of quantities.  
(ii) In figure ..... Percent above the rates shown in the bill of quantities.
3. (i) In word..... Percent below the rates shown in the bill of quantities.  
(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....

8/2/20  
13/7/2020  
Executive Engineer (Electrical)  
DRPCAU, Pusa  
DRPCAU, Pusa (Samastipur)

Executive Engineer (Electrical)  
DRPCAU, Pusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

8/11/2020  
13/7/2020  
Executive Engineer (Electrical)  
DRPCA, Pusa  
6/12/2020



**BILL OF QUANTITY**

GIR-11

Name of work :	Internal Electrical Installation in E.Type quarter No. 50,51,52,53,54,55,56,57,58,59,60,61, 62,63,64,65,66,67,68,69,70,71,72 (Total-23) at DRPCA, Pusa				
Estimated cost:	Rs.6,68,687.00	Sold to M/S			
Earnest Money:	Rs.14,000.00	Address			
Cost of B.O.Q :	Rs.1,250.00	Registration No.			
Time of Completion	One month	M.R.No. date			
SN	Items of work	Quantity	Unit	Rate	Amount
1.	Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as reqd.				
	Group-A	161 Nos.	Each	694.00	
	Group-B	92 Nos.	Each	759.00	
	Group-C	23 Nos.	Each	966.00	
2.	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2x1.5 Sq.mm + 1x1.5 Sq.mm earth wire	92 M	Per M	146.00	
	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	920 M	Per M	167.00	
	2x4.0 Sq.mm + 1x4.0 Sq.mm earth wire.	115 M	Per M	200.00	
3.	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	5/6 A switch	138 Nos.	Each	45.00	
	3 pin 5/6 A Socket outlet	138 Nos.	Each	58.00	
	15/16 Amp. Switch	69 Nos.	Each	110.00	
	16/16 Amp. Socket	69 Nos.	Each	128.00	
4.	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	92 Nos.	Each	65.00	
5.	Supplying and fixing brass batten/angle holder including connection etc. as required.	184 Nos.	Each	117.00	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/ Isolator)				
	6 way, Double door	23 No.	Each	1661.00	
7.	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single Pol	92 Nos.	Each	199.00	
	Single Pole & Neutral	23 Nos.	Each	544.00	
8.	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	46 Nos.	Each	310.00	
9.	Supplying fitting and fixing of PVC Boards of different sized.				
	7"x4"	92 Nos.	Each	60.00	
	5"x4"	46 Nos.	Each	50.00	
	4"x4"	46 Nos.	Each	45.00	
10.	Earthing with G.I earth pipe 4.5 meter long, 40 mm dia including accessories ,and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.(with charcoal/ coke and salt) as required.	04 Set	Per set	5308.00	
11	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	398 M	Per M	257.00	

Signature  
13/7/2020  
Executive Engineer Electrical  
DRPCA, Pusa (Samastipur)  
12/7/2020



(a) Details of earnest Money deposited:

(b) Registration No.:  
(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

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I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.
2. (i) In word..... Percent above the rates shown in the bill of quantities.  
(ii) In figure ..... Percent above the rates shown in the bill of quantities.
3. (i) In word..... Percent below the rates shown in the bill of quantities.  
(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....
- ii. No. of over writing.....
- iii. Rate quoted.....

8/12/2020  
13/7/2020  
Executive Engineer (Electrical)  
DRPCAUPusa  
DRPCAUPusa

Executive Engineer (Electrical)  
DRPCAUPusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
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6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
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10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall he reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
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19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

13/7/2020  
Executive Engineer Electrical  
DRPCA U, Pusa  
(Samastipur)



# BILL OF QUANTITY

Am-12

Name of work	Internal Electrical Installation at 1 <sup>st</sup> Floor, Mess & Main Panels in Guest House at Dr.RPCAUC, Pusa	
Estimated Cost	Rs. 4,21,264=00	Sold to M/S
Earnest Money	Rs. 9,000=00	Address:
Cost of B.O.Q	Rs. 750=00	Registration No.
Time of Completion	2 (two) months	M.R.No.


S.N	SOR	Items of work	Quantity	Unit	Rate	Amount
01.		Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	1.8.1	Group-A	18 Nos.	Each	694.00	
	1.8.2	Group-B	34 Nos.	Each	759.00	
	1.8.3	Group-C	28 Nos.	Each	966.00	
02.		Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	1.14.1	2x1.5 Sq.mm + 1x1.5 Sq.mm earth wire	50 M	Per M	146.00	
	1.14.2	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	145M	Per M	167.00	
	1.14.3	2x4.0 Sq.mm + 1x4.0Sq.mm earth wire	325 M	Per M	200.00	
	1.14.5	2x10.0 Sq.mm + 1x6.0Sq.mm earth wire	16 M	Per M	328.00	
	1.14.10	4x10.0 Sq.mm + 2x6.0Sq.mm earth wire	30 M	Per M	543.00	
03.		Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	1.23.1	5/6 A switch	50 Nos.	Each	45.00	
	1.23.4	3 pin 5/6 A Socket outlet	50 Nos.	Each	58.00	
	1.23.3	15/16 Amp. Switch	16 Nos.	Each	110.00	
	1.23.5	16/16 Amp. Socket	16 Nos.	Each	128.00	
	1.24.5	2 way 5/6 Amp. switch	04 Nos.	Each	123.00	
	1.24.8	Bell Push	08 Nos.	Each	126.00	
04.	1.33	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	45 Nos.	Each	65.00	
05.	1.34	Supplying and fixing brass batten/angle holder including connection etc. as required.	35 Nos.	Each	117.00	
06	2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/Isolator)				
	2.3.2	8 way, Double door	01 No.	Each	1760.00	
07.	2.4	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without				



		MCB/RCCB/Isolator)				
	2.41	4 way (4 + 12), Double door	02 Nos.	3068.00	Each	
	2.4.2	6 way (4 + 18), Double door	02 Nos.	3693.00	Each	
08.	2.10	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.10.	Single Pole	10 Nos.	Each	199.00	
	2.10.3	Double Pole	10 Nos.	Each	556.00	
09	N.S	Supplying and fixing following rating, 240 V, 'C' Series, miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
		63 Amp. TPN MCB .	08 Nos.	Each	2405.00	
10.	1.25	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	16 Nos.	Each	342.00	
11.	N.S	Supplying, fitting and fixing of 20 watt LED Tube Light Fitting including connections etc. as reqd.(Bajaj, Orpet/ Siska/Anchor)	16 Nos.	Each	980.00	
12.	N.S	Providing and fixing following Capacity busbar chamber with 4 strips of suitable size made of copper heavy duty complete with all accessories including connections, earthing the body etc. as reqd. a)100 Amps	1No.	Each	4600.00	
13.	N.S	Supplying, fitting and fixing of 9 Watt LED Bulb including connections etc. as reqd.(Bajaj,Orpet,Anchor)	50 Nos.	Each	245.00	
14.	2.18	Supplying and fixing 20A, 240 V, SPN industrial type socket outlet with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure , on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as reqd.	08 Nos.	Each	1232.00	
15.	NS	Supplying, fitting and fixing of 1200mm sweep Ceiling Fan complete set including connections etc. as reqd. (Havells,Bajaj, Orpet, Usha,)	8 Nos.	Each	2450.00	
16	NS	Supplying, fitting and fixing of 1400mm sweep Ceiling Fan complete set including connections etc. as reqd. (Havells,Bajaj, Orpet, Usha,)	8 Nos.	Each	2600.00	
17.	NS	Earthing with Chemical earthing including accessories, and providing masonry enclosure with cover plate having locking arrangement and earthing electrode of 2.7 metre long etc. with charcoal/ coke and salt as required.	01 Set.	Set	11794.00	
18.	5.13	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	20 M	Per M	257.00	
19.	N.S	S/F/F of 15 Watt LED Portico Light Fitting including connections etc as reqd. (Bajaj ,Orpat, Anchor)	16 Nos.	Each	1875.00	
20.	N.S	S/F/F of PVC Boards.				
		4"X5"	16 Nos.	Each	50.00	
21.	N.S	S/F/F of 30 WattS LED Street Light Fitting with clamp including connections etc as reqd. (Bajaj ,Orpat,Anchor)	01 No.	Each	3495.00	
	2.10	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.	02 Nos.	Each	3726.00	



	2.2.1	100 A, 16 kA, TPMCCB				
22.	N.S	S/F/F of 100, 16 kA, TPMCCB Box including connections etc as required.	02 Nos.	Each	1495.00	
23.	N.S	Supplying & fixing 40 Amp Double Pole rating miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	20 Nos.	Each	832.00	
24.	N.S	Providing and fixing following Capacity 4pole ON-load changeover switches with side handle operation, in sheet enclosure in existing metal board including drilling holes in metal board, making connection, earthing the body etc. as reqd a)100 Amps, 4 pole	01 No.	Each	11746.00	

  
 14/7/2020  
 Executive Engineer (Electrical)  
 DRPCA, Pusa  
 DRPCA, Pusa (Samastipur)  
 14.7.2020



(a) Details of earnest Money deposited:

(b) Registration No.:  
(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

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I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.

2. (i) In word..... Percent above the rates shown in the bill of quantities.

(ii) In figure ..... Percent above the rates shown in the bill of quantities.

3. (i) In word..... Percent below the rates shown in the bill of quantities.

(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

- i. No. of cutting.....  
ii. No. of over writing.....  
iii. Rate quoted.....

*S/...*  
*14/7/20*  
Executive Engineer (Electrical)  
DRPCAU, Pusa  
*14/7/20*

Executive Engineer (Electrical)  
DRPCAU, Pusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no-item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall be reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

8/11/2020  
14/7/2020  
Executive Engineer Electrical  
DRPCAUPusa  
DRPCAUPusa (Samastipur)  
14/7/2020



# BILL OF QUANTITY

Gr-13

Name of work	Internal Electrical Installation in Central Bank of India at Dr.RPCAUI, Pusa	
Estimated Cost	₹ 225,832.00	Sold to M/S
Earnest Money	₹ 4600.00	Address:
Cost of B.O.Q	₹ 500.00	Registration No.
Time of Completion	One Month.	M.R.No.

S.N.	SOR	Items of work	Quantity	Unit	Rate	Amount
01.		Wiring for light point/fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 Sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	1.8.1	Group-A	20 Nos.	Each	694.00	
	1.8.2	Group-B	35 Nos.	Each	759.00	
	1.8.3	Group-C	25 Nos.	Each	966.00	
02.		Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	1.14.2	2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	365 M	Per M	167.00	
	1.14.3	2x4.0 Sq.mm + 1x4.0 Sq.mm earth wire.	70 M	Per M	200.00	
	1.14.4	2x6.0 Sq.mm + 1x6.0 Sq.mm earth wire.	20 M	Per M	249.00	
03.		Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as reqd.				
	1.23.1	5/6 A switch	26 Nos.	Each	45.00	
	1.23.4	3 pin 5/6 A Socket outlet	26 Nos.	Each	58.00	
	1.23.3	15/16 Amp. Switch	11 Nos.	Each	110.00	
	1.23.5	16/16 Amp. Socket	11 Nos.	Each	128.00	
04.	1.33	Supplying and fixing 3 pin 5 A ceiling rose on the existing junction box/wooden block including connections etc. as reqd.	42 Nos.	Each	65.00	
05.	1.34	Supplying and fixing brass batten/angle holder including connection etc. as required.	38 Nos.	Each	117.00	
06.	2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (Bud without MCB/ RRCB/Isolator)				
	2.3.3	12 way, Double door	01 No.	Each	2053.00	
07.		Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.10.1	Single pole	28 Nos.	Each	199.00	
	2.10.2	Single Pole & Neutral	01 Nos.	Each	544.00	
08.		Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	2.4.2	6 way (4+18) Double door	01 No.	Each	3693.00	
09.		Supplying and fixing following rating, 240 V, 'C' Series, miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.12.7	63 Amp. TPN MCB.	01 No.	Each	2405.00	
10	NS	Earthing with Chemical earthing including accessories, and providing masonry enclosure with cover plate having locking arrangement and earthing electrode of 2.7 metre long etc. with charcoal/ coke and salt as required.	11794.00	Set	01 Set	



S.N.	SOR	Items of work	Quantity	Unit	Rsate	Amount
11.	5:13	Providing and Laying Earth connection from earth electrode with 4.00 mm copper wire 15 mm dia GI/PVC Pipe from earth electrode including earth connection with copper thimble excavation and re-filing as required.	15 M	Per M	.257.00	
12.	N.S	Supplying, fitting and fixing of Step fan regulator in the existing board connection etc as required.	18 Nos.	Each	310.00	
13.	N.S	Supplying, fitting and fixing of 72 Watt LED Street Light Fitting with Clamp including connections etc. as reqd. (Bajaj, Oreva, Havells, Siska make)	02 Nos.	Each	10450.00	
14.	2.18	Supplying and fixing 20A, 240 V, SPN industrial type socket outlet with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure , on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as reqd.	05 Nos.	Each	1232.00	
15.	N.S	Providing and fixing following TP&N Capacity sheet metal switch disconnect or fuse unit in existing metal board with rewirable type fuse existing including drilling holes in metal board, making connection, earthing the body etc. as reqd., miniature ckt. Breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
	N.S	63 Amp. TP&N	01 No.	Each	5225.00	
16.	N.S	S/F/F of PVC Boards.				
		7"x4"	05 Nos.	Each	60.00	
		4"x5"	12 Nos.	Each	50.00	

  
 13/7/2020  
 Executive Engineer (Electrical)  
 DRPCA, Pusa (Samastipur)  
  
 13/7/20



(a) Details of earnest Money deposited:

(b) Registration No.:  
(Certified copy to be enclosed)

(c) Income Tax & GST Clearance Certificate:

(d) Licence issued by the Labour department:

(e) Detailed of documents attached:

(f) Name and address of the Contractor:

(g) Signature of tenders:

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I/We as per execute the work at:-

1. Estimated/Analysis rete shown in the Bill of Quantities.

2. (i) In word..... Percent above the rates shown in the bill of quantities.

(ii) In figure ..... Percent above the rates shown in the bill of quantities.

3. (i) In word..... Percent below the rates shown in the bill of quantities.

(ii) In figure ..... Percent below the rates shown in the bill of quantities.

I/We will complete the work within ..... calendar months from the date of work order.

I/We have read and fully understood the terms and condition of the state (P.W.D.) contract from F<sub>2</sub> and the N.I.T. and special condition attached herewith.

Name & full Signature of the Tenderer

i. No. of cutting.....

ii. No. of over writing.....

iii. Rate quoted.....

8/20/20  
13/7/2020  
Executive Engineer (Electrical)  
DRPCA, Pusa  
(Signature)  
13/7/20

Executive Engineer (Electrical)  
DRPCA, Pusa



**SPECIAL CONDITION**

1. Tender not complete as per requirements indicated above will be out right to rejected and their tender will both be considered.
2. The tenderers are required to quote no item wise but overall on percentage i.e. above or below estimated rate/B.O.Q rates.
3. Rates quoted less more than 10% of estimate/B.O.Q. cost shall out right be rejected.
4. The undersigned reserves the right to divide the tender among more than one tenderer and to reject any or all the tenders without assigning any reason thereof.
5. Tenderers shall quote their rates both in figures and words and should initial all correction, over writings, incorporations, indefinite from like estimated rates will not be considered.
6. The rates quoted by the contractors should be inclusive all taxes, royalties and other incidental charges.
7. The contractors should quote in their tender:-
  - (a) The plants and Machinery they possess execution of works.
  - (b) Experience they have with detail of works and its position.
  - (c) Certificate, if any, about the capacity of doing works.
  - (d) Technical staff, if they possess.
8. The contractors should satisfy themselves fully about the nature and site of works before offering their tenders and pled of any ignorance after works shall not be considered.
9. The tender without earnest money or insufficient earnest money or submitted late or earnest money without duly pledged as required will be out right rejected and there will be not position for each tenders on the body of comparative statement.
10. Contractors are required to furnish up to date clearance certificate in respect of I.T. and S.T. along with their tender, in absence of those document within ten days from the date of requisition in a registered letter with A/D failing which their tenders shall be outright rejected and their earnest money furnished with the tenders shall state forfeited without and further rejected.
11. Conditional tenders shall be outright rejected.
12. After approval of rate by the competent authority the contractor shall have to deposit the initial security money @5% of B.O.Q. cost in shape of N.S.C duly pledged in favor of undersigned within 10 days of issue of the written orders from the engineer-in-charge and executed agreement, failing which his tender shall be reject and earnest money forfeited.
13. Authority shall reserve the right to reject any or all the tender so or distribute the work to more than one contractor without assigning any reason.
14. No claim for idle labour due to shortage of work non-supply of materials, drawing and design of delay due to any another reasoned shall not be entertained.
15. The contractors shall arrange necessary site for accommodation and after facilities like medical, aid etc. for his own cost and initiative as well as with labour rules prevalent in the locality.
16. The contractor shall be safely responsible of his labour or other staff and the damages shall be recovered at his own cost.
17. The CPWD specification ISS specification shall be followed during the progress of the work in case of a by difference of opinion in any of them the directions of the Engineer-in-charge have to be followed.
18. No claim shall be entertained due to fluctuation in rates of labour and materials at any time during the progress of works.
19. Materials recoverable or non-recoverable direct issued to work shall be issued to the contractor in properly/R. if materials are obtained in express of natural requirement the recovery of the cost of such materials will be made at double the issue rates stipulated in the agreement.
20. The contractor employing truck for carriage of materials of other work shall comply the rules of motor vehicle etc.
21. It will be obligatory on the part of the tender to keep the tender open for a period as per P.W.D. rule for acceptances.
22. The contractor shall not be entitles to claim or compensating for any loss suffered by his due to:
  - (a) Natural claim item (b) Act or enemy (c) Transport and procurement difficulties (d) Circumstances beyond the control of the University.
23. Site order book with numbered pages and bearing the certificates of the need by the contractors at the state of work it will have to be produced, if the Engineer-in-Charge or inspecting officer desired for instruction. Concerning the work to bot entered. This shall be properly of the university after completion of work.
24. No work beyond agreement shall be expected by the contractor unless specifically ordered by the engineer-in-charge in writing and the claim for such work shall be submitted regularly in every month. If the claim is not received in the month in which it relates it will be treated as barred any may be disallowed.
25. Income Tax @ 2.27% to be deducted from each payment of sources which will be adjusted by income tax department at the time of assessment in cost of contract.
26. GST shall be deducted from each bill as per rules.
27. Labour Cess Tax @ 1% shall be deducted from each bill as per rules.
28. Contractors shall have to furnish payment certificated or mining taxes of materials consumed in the work otherwise deduction towards royalty and cess shall be made as per rules.
29. Deduction of five percent of the gross amount of the bill is made from there running bills so as to make the total security deposit at ten per cent of the cost of work. No part of these security deposit shall be refunded until the work is fully completed and the final bill disposed or fifty percent of the amount of security deposit shall be released after three months of satisfactory completion of the work by the competent Engineer-in-charge the balance amount of the security deposit shall be release after satisfactory performance during defect liability period which shall be a period of six month from the date of completion of work.

14/7/2020  
Executive Engineer Electrical  
DRPCA, Pusa  
DRPCA, Pusa (Samastipur)